Dear Colleagues,

The Varna Nutrigenomics Meeting and the First International Symposium on Adipobiology and Adipopharmacology were jointly held on 18-20 October 2007 in Varna, Bulgaria. The abstracts of lectures are presented on pages 103-127 in this volume of Biomedical Reviews.

Humans need food, wine and love to survive. At the evolutionary level, the survival of biological species is mediated by growth, fertility and longevity phenotypes, also by reciprocal altruism (1) and cooperation (2).

Today, it is increasingly recognized that nutrigenomics and adipobiology may significantly be involved in human’s health and disease. Such new “nutrition” and “adipose” knowledge made a paradigm shift, as illustrated above by Thomas Kuhn’s “duck-rabbit” optical illusion (3). Indeed, an extensive body of work has revealed that (i) nutrients can provoke cells to express a large number of genes, and (ii) adipose tissue expresses not only metabolic, but also endo-, auto-, intra- and paracrine (“vasocrine”) phenotypes, the latter being illustrated in the front cover’s picture of the Journal.


We are pleased to welcome Prof. Luigi Aloe, Research Director of Institute of Neurobiology and Molecular Medicine at National Research Council, Rome, Italy who was elected Coeditor of Biomedical Reviews, Dr Danko D. Georgiev at Laboratory of Molecular Pharmacology, Faculty of Pharmaceutical Sciences, Graduate School of Natural Science and Technology, Kanazawa University, Japan elected Assistant Editor, and Prof. Anna Kadar at Department of Pathology, Semmelweis Medical University, Budapest, Hungary and Prof. Kamen G. Uzunoff at Department of Anatomy and Histology, Medical University, Sofia, Bulgaria elected members of the Editorial Board of the Journal.

Publication of Biomedical Reviews is truly a collaborative process. We appreciate the brain-and-heart partnership having with our authors and are committed to further maintaining the excellence of the Journal.